

## EAST Search History

*JMA*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	415	348/223	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S2	3528	358/1.9	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S3	559	358/519	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S4	1180	358/520	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S5	686	358/521	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S6	1083	358/523	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S7	171	358/522 and contrast	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S8	121	(358/522 and contrast ) and histogram	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S9	3045	color adj saturation	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S10	1951	(color adj saturation) and processing	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S11	730	((color adj saturation) and processing) and camera	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S12	3	(color adj saturation) and jpeg and thumbnail and histogram	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S13	56661	image adj processing	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S14	7375	(image adj processing) and rgb	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S15	125	((image adj processing) and rgb) and equalized	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S16	79	((image adj processing) and rgb) and equalize	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S17	181	((image adj processing) and rgb) and equalized) or (((image adj processing) and rgb) and equalize)	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S18	2180	((image adj processing) and rgb) and (saturation or chroma)	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S19	622	((image adj processing) and rgb) and (saturation or chroma)) and histogram	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44
S20	1688	382/167	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:44

## EAST Search History

S21	412	histogram adj equalization	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:45
S22	254	(histogram adj equalization) and average	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:45
S23	154	((histogram adj equalization) and average) and gray	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:45
S24	152	((((histogram adj equalization) and average) and gray) and images	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:45
S25	0	((high adj saturation adj pixels) and density) and (each adj pixel)	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:45
S26	411	358/522	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:45
S27	4	((358/522 and contrast ) and histogram) and equalize	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:45
S28	83	((((color adj saturation) and processing) and camera) and histogram	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:45
S29	1	("5279502").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:45
S30	370	348/223.1	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:45
S31	748	382/168	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:46
S32	105	382/168 and saturation	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:46
S33	11	(color adj saturation) and jpeg and histogram	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:46
S34	95	((((image adj processing) and rgb) and equalized) or ((image adj processing) and rgb) and equalize)) and average	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:46
S35	456	((((image adj processing) and rgb) and (saturation or chroma)) and histogram) and camera	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:46
S36	163	((((image adj processing) and rgb) and (saturation or chroma)) and histogram) and (digital adj camera)	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:46
S37	1820	382/162	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:46
S38	13	"5497431".URPN.	USPAT	OR	OFF	2004/03/17 16:46
S39	2594	358/518	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47

## EAST Search History

S40	370	348/223.1	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S41	3	"6097845"	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S42	4	"5568195"	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S43	1	("5568194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47
S44	1	("5001552").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47
S45	1	("5808681").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47
S46	1	("5093716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47
S47	1	("5682573").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47
S48	34	(US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47

## EAST Search History

S49	13	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and average	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S50	4	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and average and gray	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47

## EAST Search History

S51	1	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and (equalize or equalized or equalization)	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S52	49	(((((histogram adj equalization) and average) and gray) and images) and RGB	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S53	1	("5682573").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47
S54	1	("5682194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47
S55	1	("5568194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47
S56	1	("5093716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47

## EAST Search History

S57	34	(US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S58	23	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and table	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S59	1	("5497431").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:47
S60	14	high adj saturation adj pixels	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S61	8	(high adj saturation adj pixels) and density	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47

## EAST Search History

S62	8	((high adj saturation adj pixels) and density) and average	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S63	7	((((high adj saturation adj pixels) and density) and average) and table	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S64	7	(((((high adj saturation adj pixels) and density) and average) and table) and color	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47
S65	3	(((((high adj saturation adj pixels) and density) and average) and table) and color) and (characteristic adj value)	US-PGPUB; USPAT	OR	ON	2004/03/17 16:47
S66	3	((((((high adj saturation adj pixels) and density) and average) and table) and color) and (characteristic adj value)) and frames	US-PGPUB; USPAT	OR	ON	2004/03/17 16:47
S67	36	(US-5557428-\$ or US-5579131-\$ or US-6445816-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-6111980-\$ or US-5504525-\$ or US-5485202-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/03/17 16:47

## EAST Search History

S68	23	((US-5557428-\$ or US-5579131-\$ or US-6445816-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-6111980-\$ or US-5504525-\$ or US-5485202-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and (brightness or tone or sharpness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 16:47
S69	0	("scannerwithcamerawithcharacteristic").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/17 16:50
S70	5221	camera with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 16:50
S71	138	camera adj characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 16:51
S72	5	(camera adj characteristic) with brightness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 16:52
S73	5221	camera with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 16:51
S74	137	(camera with characteristic) with brightness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 16:52



## EAST Search History

S75	30	((camera with characteristic) with brightness) and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 16:57
S76	34991	camera with type	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:01
S77	1409	camera with type with determin\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:02
S78	97	(camera with type with determin\$3) with (brightness or chrom\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:03
S79	29	((camera with type with determin\$3) with (brightness or chrom\$7)) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:14
S80	456	(camera with type with determin\$3) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:05
S81	260	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:06
S82	176	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)) and (brightness or tone or sharpness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:06
S83	38	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)) and (brightness or tone or sharpness)) and chrom\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:07
S84	8505	(camera with type) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:15

## EAST Search History

S85	4901	((camera with type) and print\$4) and images	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:15
S86	1915	((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:15
S87	1105	(((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:17
S88	503	(((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:18
S89	300	((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:18
S90	4	((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and camera adj characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:19
S91	160	((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and camera near3 characteristic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:31
S92	4929	(camera and type) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:33
S93	82	(camera and type and print\$3) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:32

## EAST Search History

S94	1	((camera and type and print\$3) .ti. ) and characteristic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:32
S95	99	(camera adj type) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:34
S96	0	(type adj of adj camera) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:33
S97	6	((camera adj type) .ti.) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:33
S98	12	((camera adj type) .ti.) and images	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/17 17:34
S99	40	(348/175).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/30 12:11
S10 7	39	(US-20010009438-\$ or US-20010013953-\$ or US-20010014182-\$).did. or (US-5210600-\$ or US-5218434-\$ or US-5422740-\$ or US-5448380-\$ or US-5485202-\$ or US-5497431-\$ or US-5504525-\$ or US-5546105-\$ or US-5557428-\$ or US-5563717-\$ or US-5568194-\$ or US-5579131-\$ or US-5585844-\$ or US-5610726-\$ or US-5612795-\$ or US-5615282-\$ or US-5631749-\$ or US-5636290-\$ or US-5646752-\$ or US-5649072-\$ or US-5657395-\$ or US-5663772-\$ or US-5673335-\$ or US-5689590-\$ or US-5696840-\$ or US-5699451-\$).did. or (US-5754316-\$ or US-5806081-\$ or US-5917578-\$ or US-6111980-\$ or US-6256062-\$ or US-6324345-\$ or US-6445816-\$ or US-6459449-\$ or US-6462835-\$ or US-6463173-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/04/13 11:36

## EAST Search History

S10 8	16	S107 and tone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 11:36
S10 9	3	("5767983").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 12:06
S11 0	434	348/223	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S11 1	3012	358/1.9	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S11 2	626	358/519	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S11 3	1278	358/520	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S11 4	729	358/521	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S11 5	1185	358/523	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S11 6	186	358/522 and contrast	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S11 7	130	(358/522 and contrast ) and histogram	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S11 8	3711	color adj saturation	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S11 9	2413	(color adj saturation) and processing	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S12 0	936	((color adj saturation) and processing) and camera	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S12 1	4	(color adj saturation) and jpeg and thumbnail and histogram	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S12 2	70879	image adj processing	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S12 3	9707	(image adj processing) and rgb	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S12 4	153	((image adj processing) and rgb) and equalized	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S12 5	115	((image adj processing) and rgb) and equalize	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S12 6	238	((image adj processing) and rgb) and equalized) or (((image adj processing) and rgb) and equalize)	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13

## EAST Search History

S12 7	2928	((image adj processing) and rgb) and (saturation or chroma)	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S12 8	842	((((image adj processing) and rgb) and (saturation or chroma)) and histogram	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S12 9	2094	382/167	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S13 0	528	histogram adj equalization	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S13 1	342	(histogram adj equalization) and average	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S13 2	211	((histogram adj equalization) and average) and gray	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S13 3	208	((((histogram adj equalization) and average) and gray) and images	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S13 4	0	((high adj saturation adj pixels) and density) and (each adj pixel)	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S13 5	449	358/522	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S13 6	4	((358/522 and contrast ) and histogram) and equalize	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S13 7	128	((((color adj saturation) and processing) and camera) and histogram	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S13 8	1	("5279502").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S13 9	240	348/223.1	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S14 0	886	382/168	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S14 1	137	382/168 and saturation	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S14 2	24	(color adj saturation) and jpeg and histogram	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S14 3	125	((((image adj processing) and rgb) and equalized) or ((image adj processing) and rgb) and equalize)) and average	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S14 4	632	((((image adj processing) and rgb) and (saturation or chroma)) and histogram) and camera	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13

## EAST Search History

S14 5	263	((((image adj processing) and rgb) and (saturation or chroma)) and histogram) and (digital adj camera)	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S14 6	2310	382/162	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S14 7	15	"5497431".URPN.	USPAT	OR	OFF	2005/04/13 14:13
S14 8	2861	358/518	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S14 9	240	348/223.1	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S15 0	3	"6097845"	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S15 1	8	"5568195"	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S15 2	1	("5568194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S15 3	1	("5001552").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S15 4	1	("5808681").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S15 5	1	("5093716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S15 6	1	("5682573").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13

## EAST Search History

S15 7	36	(US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S15 8	13	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and average	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13

## EAST Search History

S15 9	4	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and average and gray	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S16 0	1	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and (equalize or equalized or equalization)	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S16 1	72	(((((histogram adj equalization) and average) and gray) and images) and RGB	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S16 2	1	("5682573").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13



## EAST Search History

S16 3	1	("5682194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S16 4	1	("5568194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S16 5	1	("5093716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S16 6	36	(US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S16 7	24	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and table	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13

## EAST Search History

S16 8	1	("5497431").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S16 9	23	high adj saturation adj pixels	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S17 0	12	(high adj saturation adj pixels) and density	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S17 1	12	((high adj saturation adj pixels) and density) and average	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S17 2	11	((((high adj saturation adj pixels) and density) and average) and table	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S17 3	11	(((((high adj saturation adj pixels) and density) and average) and table) and color	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13
S17 4	3	(((((high adj saturation adj pixels) and density) and average) and table) and color) and (characteristic adj value)	US-PGPUB; USPAT	OR	ON	2005/04/13 14:13
S17 5	3	((((((high adj saturation adj pixels) and density) and average) and table) and color) and (characteristic adj value)) and frames	US-PGPUB; USPAT	OR	ON	2005/04/13 14:13
S17 6	36	(US-5557428-\$ or US-5579131-\$ or US-6445816-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-6111980-\$ or US-5504525-\$ or US-5485202-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13

## EAST Search History

S17 7	30	((US-5557428-\$ or US-5579131-\$ or US-6445816-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-6111980-\$ or US-5504525-\$ or US-5485202-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and (brightness or tone or sharpness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S17 8	0	("scannerwithcamerawithcharacteristic").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S17 9	5859	camera with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S18 0	158	camera adj characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S18 1	5	(camera adj characteristic) with brightness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S18 2	5859	camera with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S18 3	156	(camera with characteristic) with brightness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13

## EAST Search History

S18 4	38	((camera with characteristic) with brightness) and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S18 5	40118	camera with type	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S18 6	1616	camera with type with determin\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S18 7	100	(camera with type with determin\$3) with (brightness or chrom\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S18 8	29	((camera with type with determin\$3) with (brightness or chrom\$7)) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S18 9	544	(camera with type with determin\$3) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S19 0	308	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S19 1	205	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)) and (brightness or tone or sharpness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S19 2	49	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)) and (brightness or tone or sharpness)) and chrom\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S19 3	10366	(camera with type) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13

## EAST Search History

S19 4	6082	((camera with type) and print\$4) and images	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S19 5	2410	((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S19 6	1397	(((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S19 7	649	((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S19 8	392	((((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S19 9	7	((((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and camera adj characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S20 0	220	((((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and camera near3 characteristic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S20 1	5307	(camera and type) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S20 2	90	(camera and type and print\$3) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13

## EAST Search History

S20 3	1	((camera and type and print\$3) .ti. ) and characteristic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S20 4	99	(camera adj type) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S20 5	0	(type adj of adj camera) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S20 6	6	((camera adj type) .ti.) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S20 7	12	((camera adj type) .ti.) and images	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S20 8	42	(348/175).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/13 14:13
S20 9	39	(US-20010009438-\$ or US-20010013953-\$ or US-20010014182-\$).did. or (US-5210600-\$ or US-5218434-\$ or US-5422740-\$ or US-5448380-\$ or US-5485202-\$ or US-5497431-\$ or US-5504525-\$ or US-5546105-\$ or US-5557428-\$ or US-5563717-\$ or US-5568194-\$ or US-5579131-\$ or US-5585844-\$ or US-5610726-\$ or US-5612795-\$ or US-5615282-\$ or US-5631749-\$ or US-5636290-\$ or US-5646752-\$ or US-5649072-\$ or US-5657395-\$ or US-5663772-\$ or US-5673335-\$ or US-5689590-\$ or US-5696840-\$ or US-5699451-\$).did. or (US-5754316-\$ or US-5806081-\$ or US-5917578-\$ or US-6111980-\$ or US-6256062-\$ or US-6324345-\$ or US-6445816-\$ or US-6459449-\$ or US-6462835-\$ or US-6463173-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/04/13 14:13

## EAST Search History

S21 0	16	S209 and tone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S21 1	3	("5767983").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 14:13
S21 2	1041	(348/222.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 12:55
S21 3	453	348/223	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S21 4	3849	358/1.9	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S21 5	720	358/519	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S21 6	1476	358/520	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S21 7	833	358/521	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S21 8	1345	358/523	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S21 9	218	358/522 and contrast	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S22 0	149	(358/522 and contrast ) and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S22 1	4433	color adj saturation	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S22 2	2943	(color adj saturation) and processing	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S22 3	1216	((color adj saturation) and processing) and camera	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S22 4	4	(color adj saturation) and jpeg and thumbnail and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S22 5	86061	image adj processing	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S22 6	12284	(image adj processing) and rgb	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S22 7	194	((image adj processing) and rgb) and equalized	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55

## EAST Search History

S22 8	152	((image adj processing) and rgb) and equalize	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S22 9	311	((((image adj processing) and rgb) and equalized) or (((image adj processing) and rgb) and equalize)	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S23 0	3643	((image adj processing) and rgb) and (saturation or chroma)	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S23 1	1041	((((image adj processing) and rgb) and (saturation or chroma)) and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S23 2	2636	382/167	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S23 3	645	histogram adj equalization	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S23 4	415	(histogram adj equalization) and average	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S23 5	256	((histogram adj equalization) and average) and gray	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S23 6	253	((((histogram adj equalization) and average) and gray) and images	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S23 7	0	((high adj saturation adj pixels) and density) and (each adj pixel)	US-PGPUB; USPAT	OR	OFF	2006/04/19 12:55
S27 9	0	("Imageadjprocessing.clm.").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:05
S28 0	18540	image adj processing .clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:05
S28 1	1972	S280 and (multiple or plurality) near4 images .clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:06
S28 2	1	S281 and total adj average .clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:06
S28 3	453	348/223	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S28 4	3849	358/1.9	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07



## EAST Search History

S28 5	720	358/519	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S28 6	1476	358/520	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S28 7	833	358/521	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S28 8	1345	358/523	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S28 9	218	358/522 and contrast	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 0	149	(358/522 and contrast ) and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 1	4433	color adj saturation	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 2	2943	(color adj saturation) and processing	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 3	1216	((color adj saturation) and processing) and camera	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 4	4	(color adj saturation) and jpeg and thumbnail and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 5	86061	image adj processing	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 6	12284	(image adj processing) and rgb	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 7	194	((image adj processing) and rgb) and equalized	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 8	152	((image adj processing) and rgb) and equalize	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:07
S29 9	311	((((image adj processing) and rgb) and equalized) or (((image adj processing) and rgb) and equalize)	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S30 0	3643	((image adj processing) and rgb) and (saturation or chroma)	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S30 1	1041	((((image adj processing) and rgb) and (saturation or chroma)) and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S30 2	2636	382/167	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S30 3	645	histogram adj equalization	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S30 4	415	(histogram adj equalization) and average	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S30 5	256	((histogram adj equalization) and average) and gray	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08

## EAST Search History

S30 6	253	((((histogram adj equalization) and average) and gray) and images	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S30 7	0	((high adj saturation adj pixels) and density) and (each adj pixel)	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S30 8	511	358/522	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S30 9	4	((358/522 and contrast ) and histogram) and equalize	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S31 0	178	((((color adj saturation) and processing) and camera) and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S31 1	1	("5279502").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S31 2	379	348/223.1	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S31 3	1102	382/168	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S31 4	167	382/168 and saturation	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S31 5	37	(color adj saturation) and jpeg and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S31 6	156	(((((image adj processing) and rgb) and equalized) or (((image adj processing) and rgb) and equalize)) and average	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S31 7	795	(((((image adj processing) and rgb) and (saturation or chroma)) and histogram) and camera	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S31 8	359	(((((image adj processing) and rgb) and (saturation or chroma)) and histogram) and (digital adj camera)	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S31 9	2871	382/162	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S32 0	17	"5497431".URPN.	USPAT	OR	OFF	2006/04/19 13:08
S32 1	3427	358/518	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S32 2	379	348/223.1	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S32 3	3	"6097845"	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S32 4	8	"5568195"	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08

## EAST Search History

S32 5	1	("5568194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S32 6	1	("5001552").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S32 7	1	("5808681").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S32 8	1	("5093716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S32 9	1	("5682573").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S33 0	36	(US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08

## EAST Search History

S33 1	13	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and average	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S33 2	4	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and average and gray	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08

## EAST Search History

S33 3	1	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and (equalize or equalized or equalization)	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S33 4	80	(((((histogram adj equalization) and average) and gray) and images) and RGB	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S33 5	1	("5682573").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S33 6	1	("5682194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S33 7	1	("5568194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S33 8	1	("5093716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08

## EAST Search History

S33 9	36	(US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S34 0	24	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and table	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S34 1	1	("5497431").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S34 2	25	high adj saturation adj pixels	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S34 3	12	(high adj saturation adj pixels) and density	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08

## EAST Search History

S34 4	12	((high adj saturation adj pixels) and density) and average	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S34 5	11	((((high adj saturation adj pixels) and density) and average) and table	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S34 6	11	(((((high adj saturation adj pixels) and density) and average) and table) and color	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S34 7	3	(((((high adj saturation adj pixels) and density) and average) and table) and color) and (characteristic adj value)	US-PGPUB; USPAT	OR	ON	2006/04/19 13:08
S34 8	3	((((((high adj saturation adj pixels) and density) and average) and table) and color) and (characteristic adj value)) and frames	US-PGPUB; USPAT	OR	ON	2006/04/19 13:08
S34 9	36	(US-5557428-\$ or US-5579131-\$ or US-6445816-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-6111980-\$ or US-5504525-\$ or US-5485202-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08

## EAST Search History

S35 0	30	((US-5557428-\$ or US-5579131-\$ or US-6445816-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-6111980-\$ or US-5504525-\$ or US-5485202-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and (brightness or tone or sharpness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S35 1	0	("scannerwithcamerawithcharacteristic").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S35 2	6651	camera with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S35 3	186	camera adj characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S35 4	5	(camera adj characteristic) with brightness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S35 5	6651	camera with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S35 6	175	(camera with characteristic) with brightness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08



## EAST Search History

S35 7	42	((camera with characteristic) with brightness) and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S35 8	46258	camera with type	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S35 9	1861	camera with type with determin\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S36 0	105	(camera with type with determin\$3) with (brightness or chrom\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S36 1	30	((camera with type with determin\$3) with (brightness or chrom\$7)) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S36 2	652	(camera with type with determin\$3) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S36 3	364	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S36 4	243	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)) and (brightness or tone or sharpness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S36 5	55	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)) and (brightness or tone or sharpness)) and chrom\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S36 6	12384	(camera with type) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08

## EAST Search History

S36 7	7423	((camera with type) and print\$4) and images	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S36 8	2977	((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S36 9	1715	(((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S37 0	819	(((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S37 1	503	((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S37 2	11	((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and camera adj characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S37 3	297	((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and camera near3 characteristic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S37 4	5845	(camera and type) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S37 5	102	(camera and type and print\$3) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08

## EAST Search History

S37 6	1	((camera and type and print\$3) .ti. ) and characteristic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S37 7	108	(camera adj type) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S37 8	0	(type adj of adj camera) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S37 9	8	((camera adj type) .ti.) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S38 0	14	((camera adj type) .ti.) and images	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S38 1	44	(348/175).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S38 2	39	(US-20010009438-\$ or US-20010013953-\$ or US-20010014182-\$).did. or (US-5210600-\$ or US-5218434-\$ or US-5422740-\$ or US-5448380-\$ or US-5485202-\$ or US-5497431-\$ or US-5504525-\$ or US-5546105-\$ or US-5557428-\$ or US-5563717-\$ or US-5568194-\$ or US-5579131-\$ or US-5585844-\$ or US-5610726-\$ or US-5612795-\$ or US-5615282-\$ or US-5631749-\$ or US-5636290-\$ or US-5646752-\$ or US-5649072-\$ or US-5657395-\$ or US-5663772-\$ or US-5673335-\$ or US-5689590-\$ or US-5696840-\$ or US-5699451-\$).did. or (US-5754316-\$ or US-5806081-\$ or US-5917578-\$ or US-6111980-\$ or US-6256062-\$ or US-6324345-\$ or US-6445816-\$ or US-6459449-\$ or US-6462835-\$ or US-6463173-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08

## EAST Search History

S38 3	16	S382 and tone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S38 4	3	("5767983").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S38 5	453	348/223	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S38 6	3849	358/1.9	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S38 7	720	358/519	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S38 8	1476	358/520	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S38 9	833	358/521	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 0	1345	358/523	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 1	218	358/522 and contrast	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 2	149	(358/522 and contrast ) and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 3	4433	color adj saturation	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 4	2943	(color adj saturation) and processing	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 5	1216	((color adj saturation) and processing) and camera	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 6	4	(color adj saturation) and jpeg and thumbnail and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 7	86061	image adj processing	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 8	12284	(image adj processing) and rgb	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S39 9	194	((image adj processing) and rgb) and equalized	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S40 0	152	((image adj processing) and rgb) and equalize	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S40 1	311	((((image adj processing) and rgb) and equalized) or (((image adj processing) and rgb) and equalize)	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08

## EAST Search History

S40 2	3643	((image adj processing) and rgb) and (saturation or chroma)	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S40 3	1041	(((image adj processing) and rgb) and (saturation or chroma)) and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S40 4	2636	382/167	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S40 5	645	histogram adj equalization	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S40 6	415	(histogram adj equalization) and average	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S40 7	256	((histogram adj equalization) and average) and gray	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S40 8	253	(((histogram adj equalization) and average) and gray) and images	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S40 9	0	((high adj saturation adj pixels) and density) and (each adj pixel)	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:08
S41 0	0	("scannerwithcamerawithcharacteristic").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:08
S41 1	6651	camera with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S41 2	186	camera adj characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S41 3	6651	camera with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S41 4	175	(camera with characteristic) with brightness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S41 5	46258	camera with type	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08

## EAST Search History

S41 6	1861	camera with type with determin\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S41 7	105	(camera with type with determin\$3) with (brightness or chrom\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S41 8	652	(camera with type with determin\$3) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S41 9	364	((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S42 0	243	((((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)) and (brightness or tone or sharpness))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S42 1	12384	(camera with type) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S42 2	7423	((camera with type) and print\$4) and images	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S42 3	2977	((((camera with type) and print\$4) and images) and (brightness or sharpness or tone))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S42 4	1715	(((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S42 5	819	(((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08

## EAST Search History

S42 6	503	(((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S42 7	5845	(camera and type) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S42 8	102	(camera and type and print\$3) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S42 9	108	(camera adj type) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:08
S43 0	0	(type adj of adj camera) .ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09
S43 1	1	("5279502").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S43 2	1	("5568194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S43 3	1	("5001552").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S43 4	1	("5808681").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S43 5	1	("5093716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S43 6	1	("5682573").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09

## EAST Search History

S43 7	1	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and (equalize or equalized or equalization)	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S43 8	1	("5682573").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S43 9	1	("5682194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S44 0	1	("5568194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S44 1	1	("5093716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S44 2	1	("5497431").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09
S44 3	1	((camera and type and print\$3) .ti. ) and characteristic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09
S44 4	4	((358/522 and contrast ) and histogram) and equalize	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S44 5	37	(color adj saturation) and jpeg and histogram	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S44 6	17	"5497431".URPN.	USPAT	OR	OFF	2006/04/19 13:09



## EAST Search History

S44 7	3	"6097845"	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S44 8	8	"5568195"	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S44 9	36	(US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S45 0	13	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and average	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09

## EAST Search History

S45 1	4	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and average and gray	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S45 2	80	(((histogram adj equalization) and average) and gray) and images) and RGB	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S45 3	36	(US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09

## EAST Search History

S45 4	24	((US-6111980-\$ or US-5579131-\$ or US-5557428-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-5504525-\$ or US-5485202-\$ or US-6445816-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and table	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S45 5	25	high adj saturation adj pixels	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S45 6	12	(high adj saturation adj pixels) and density	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S45 7	12	((high adj saturation adj pixels) and density) and average	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S45 8	11	((((high adj saturation adj pixels) and density) and average) and table	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S45 9	11	(((((high adj saturation adj pixels) and density) and average) and table) and color	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S46 0	3	(((((high adj saturation adj pixels) and density) and average) and table) and color) and (characteristic adj value)	US-PGPUB; USPAT	OR	ON	2006/04/19 13:09
S46 1	3	((((((high adj saturation adj pixels) and density) and average) and table) and color) and (characteristic adj value)) and frames	US-PGPUB; USPAT	OR	ON	2006/04/19 13:09

## EAST Search History

S46 2	36	(US-5557428-\$ or US-5579131-\$ or US-6445816-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-6111980-\$ or US-5504525-\$ or US-5485202-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
S46 3	30	((US-5557428-\$ or US-5579131-\$ or US-6445816-\$ or US-5422740-\$ or US-6459449-\$ or US-6256062-\$ or US-5585844-\$ or US-5568194-\$ or US-6111980-\$ or US-5504525-\$ or US-5485202-\$ or US-6463173-\$ or US-5497431-\$ or US-6462835-\$ or US-5806081-\$ or US-5754316-\$ or US-5696840-\$ or US-5689590-\$ or US-5673335-\$ or US-5663772-\$ or US-5649072-\$ or US-5646752-\$ or US-5636290-\$ or US-5615282-\$ or US-5699451-\$ or US-5657395-\$).did. or (US-5631749-\$ or US-5612795-\$ or US-5610726-\$ or US-5563717-\$ or US-5546105-\$ or US-5448380-\$ or US-5218434-\$ or US-5210600-\$).did. or (US-20010014182-\$ or US-20010013953-\$).did.) and (brightness or tone or sharpness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09
S46 4	5	(camera adj characteristic) with brightness	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09

## EAST Search History

S46 5	42	((camera with characteristic) with brightness) and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09
S46 6	30	((camera with type with determin\$3) with (brightness or chrom\$7)) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09
S46 7	55	(((((camera with type with determin\$3) and print\$4) and (camera adj type or type near2 camera)) and (brightness or tone or sharpness)) and chrom\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09
S46 8	11	((((((((camera with type) and print\$4) and images) and (brightness or sharpness or tone)) and (camera adj type or type near3 camera)) and average) and camera adj characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09
S46 9	8	((camera adj type) .ti.) and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09
S47 0	14	((camera adj type) .ti.) and images	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 13:09
S47 1	44	(348/175).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 13:09

## EAST Search History

S47 2	39	(US-20010009438-\$ or US-20010013953-\$ or US-20010014182-\$).did. or (US-5210600-\$ or US-5218434-\$ or US-5422740-\$ or US-5448380-\$ or US-5485202-\$ or US-5497431-\$ or US-5504525-\$ or US-5546105-\$ or US-5557428-\$ or US-5563717-\$ or US-5568194-\$ or US-5579131-\$ or US-5585844-\$ or US-5610726-\$ or US-5612795-\$ or US-5615282-\$ or US-5631749-\$ or US-5636290-\$ or US-5646752-\$ or US-5649072-\$ or US-5657395-\$ or US-5663772-\$ or US-5673335-\$ or US-5689590-\$ or US-5696840-\$ or US-5699451-\$).did. or (US-5754316-\$ or US-5806081-\$ or US-5917578-\$ or US-6111980-\$ or US-6256062-\$ or US-6324345-\$ or US-6445816-\$ or US-6459449-\$ or US-6462835-\$ or US-6463173-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:09
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